

### **REMARKS**

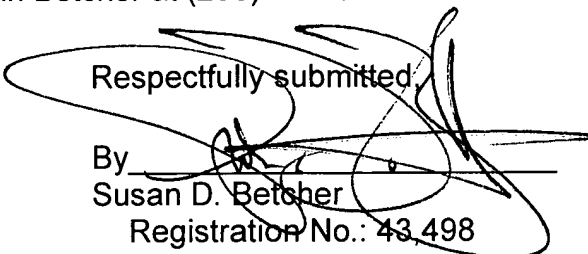
Claims 1-15 are presently pending in this application. Applicants thank the Examiners for their willingness to discuss the applicants' claimed invention in view of the cited art. In the interview on June 9, 2006, Examiner Kish and Examiner Casler indicated that providing clarification in the claims regarding the source of the radiation source, namely, the radiation source is directed therapeutic radiation and not ambient radiation, would appear to make the claims allowable over U.S. Patent Publication No. 2004/0125916 issued to Herron et al. ("Herron"). The claims have been amended to clarify this point, as supported throughout the specification. In addition and as further discussed in the Examiners' Interview, the amendments to the claims clarify that a subset of the plurality of inputs is created by discarding corrupted input acquired when the therapeutic radiation source is active.

All of the claims are currently rejected under 35 U.S.C. § 103(a) as being unpatentable over Herron in view of U.S. Patent Publication No. 2004/0101073 issued to Doi ("Doi"); and/or further in view of U.S. Patent No. 6,812,842 issued to Dimmer et al. ("Dimmer") and/or further in view of U.S. Patent No. 5,729,129 issued to Acker ("Acker"). However, neither Herron, nor any of the other references of record, individually or in combination, teach or suggest the recited features of the amended claims, namely, providing a subset of a plurality of inputs to a receiver created by discarding selective inputs from the plurality of inputs, wherein the discarded inputs are acquired when a therapeutic radiation source is active.

In view of the amendments to the claims in the application and further in view of the Examiner's Interview, the claims as amended are patentable over the prior art. Applicants accordingly request allowance of the pending claims. If the Examiner has any questions or believes a telephone conference would expedite prosecution of this application, the Examiner is encouraged to call Susan Betcher at (206) 359-6088.

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Respectfully submitted,

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